

REMARKS/ARGUMENTS

The independent claims have been amended to include the step of contacting the catalyst with olefins; this was not taught or disclosed in the prior art. Because Claim 27 was previously cancelled, Claim 28 was amended to depend from Claim 26. No additional search is required, and there is support for this claim amendment in paragraph [0060] of the published application.

CLAIM REJECTIONS:**35 U.S.C. §102****Bowes et al.**

Claims 19-21 and 23-51 stand rejected under 35 U.S.C. 102(b) as being anticipated by Bowes et al. (U.S. 4,579,993), which incorporates Argauer (U.S. 3,702,886) by reference (Argauer does not teach Applicants' method of producing the disclosed catalyst, or a catalyst that has a silicon/aluminum atomic ratio of at least 120 after steaming and extraction). Bowes is directed to the conversion of methanol to olefins and does not teach or disclose Applicants' method of producing a catalyst for olefin cracking that includes contacting the catalyst with olefins.

As such, no prima facie case of anticipation has been made, and Applicants' claims as amended are allowable.

CONCLUSION

Having addressed all of the issues set forth in the office action, Applicants respectfully submit that the amended claims are in condition for allowance. No fees are believed to be due in conjunction with the filing of this response. However, in the event such fees are due, the Commissioner is hereby authorized to charge such fees, or credit any overpayment, to Deposit Account Number 03-3345.

Dated

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Respectfully submitted,


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